SEQUENCE LISTING

<110>   AGREZ, MICHAEL V
        AHMED, NUZHAT

<120>   A METHOD OF MODULATING INTEGRIN MEDIATED CELLULAR ACTIVITY
        AND AGENTS USEFUL FOR SAME

<130>   BLAKE-046XX

<140>   US 10/019,816
<141>   2002-03-27

<150>   PQ 1248
<151>   1999-06-28

<150>   PQ 8003
<151>   2000-06-06

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<170>   PatentIn version 3.1

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Met Gly Ile Glu Leu Leu Cys Leu Phe Phe Leu Phe Leu Gly Arg Asn
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Asp Ser Arg Thr Arg Trp Leu Cys Leu Gly Gly Ala Glu Thr Cys Glu
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Asp Cys Leu Leu Ile Gly Pro Gln Cys Ala Trp Cys Ala Gln Glu Asn
            35   40   45

Phe Thr His Pro Ser Gly Val Gly Glu Arg Cys Asp Thr Pro Ala Asn
        50   55   60

Leu Leu Ala Lys Gly Cys Gln Leu Asn Phe Ile Glu Asn Pro Val Ser
65   70   75   80

Gln Val Glu Ile Leu Lys Asn Lys Pro Leu Ser Val Gly Arg Gln Lys
                85   90   95

Asn Ser Ser Asp Ile Val Gln Ile Ala Pro Gln Ser Leu Ile Leu Lys
                100   105   110

Leu Arg Pro Gly Gly Ala Gln Thr Leu Gln Val His Val Arg Gln Thr
            115   120   125

Glu Asp Tyr Pro Val Asp Leu Tyr Tyr Leu Met Asp Leu Ser Ala Ser
        130   135   140

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Met Asp Asp Asp Leu Asn Thr Ile Lys Glu Leu Gly Ser Gly Leu Ser
145             150             155             160

Lys Glu Met Ser Lys Leu Thr Ser Asn Phe Arg Leu Gly Phe Gly Ser
                165             170             175

Phe Val Glu Lys Pro Val Ser Pro Phe Val Lys Thr Thr Pro Glu Glu
            180             185             190

Ile Ala Asn Pro Cys Ser Ser Ile Pro Tyr Phe Cys Leu Pro Thr Phe
        195             200             205

Gly Phe Lys His Ile Leu Pro Leu Thr Asn Asp Ala Glu Arg Phe Asn
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Glu Ile Val Lys Asn Gln Lys Ile Ser Ala Asn Ile Asp Thr Pro Glu
225             230             235             240

Gly Gly Phe Asp Ala Ile Met Gln Ala Ala Val Cys Lys Glu Lys Ile
            245             250             255

Gly Trp Arg Asn Asp Ser Leu His Leu Leu Val Phe Val Ser Asp Ala
        260             265             270

Asp Ser His Phe Gly Met Asp Ser Lys Leu Ala Gly Ile Val Ile Pro
        275             280             285

Asn Asp Gly Leu Cys His Leu Asp Ser Lys Asn Glu Tyr Ser Met Ser
    290             295             300

Thr Val Leu Glu Tyr Pro Thr Ile Gly Gln Leu Ile Asp Lys Leu Val
305             310             315             320

Gln Asn Asn Val Leu Leu Ile Phe Ala Val Thr Gln Glu Gln Val His
            325             330             335

Leu Tyr Glu Asn Tyr Ala Lys Leu Ile Pro Gly Ala Thr Val Gly Leu
        340             345             350

Leu Gln Lys Asp Ser Gly Asn Ile Leu Gln Leu Ile Ile Ser Ala Tyr
        355             360             365

Glu Glu Leu Arg Ser Glu Val Glu Leu Glu Val Leu Gly Asp Thr Glu
    370             375             380

Gly Leu Asn Leu Ser Phe Thr Ala Ile Cys Asn Asn Gly Thr Leu Phe
385             390             395             400
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Gln His Gln Lys Lys Cys Ser His Met Lys Val Gly Asp Thr Ala Ser
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Phe Ser Val Thr Val Asn Ile Pro His Cys Glu Arg Arg Ser Arg His
            420   425   430

Ile Ile Ile Lys Pro Val Gly Leu Gly Asp Ala Leu Glu Leu Leu Val
        435   440   445

Ser Pro Glu Cys Asn Cys Asp Cys Gln Lys Glu Val Glu Val Asn Ser
    450   455   460

Ser Lys Cys His His Gly Asn Gly Ser Phe Gln Cys Gly Val Cys Ala
465   470   475   480

Cys His Pro Gly His Met Gly Pro Arg Cys Glu Cys Gly Glu Asp Met
            485   490   495

Leu Ser Thr Asp Ser Cys Lys Glu Ala Pro Asp His Pro Ser Cys Ser
        500   505   510

Gly Arg Gly Asp Cys Tyr Cys Gly Gln Cys Ile Cys His Leu Ser Pro
        515   520   525

Tyr Gly Asn Ile Tyr Gly Pro Tyr Cys Gln Cys Asp Asn Phe Ser Cys
    530   535   540

Val Arg His Lys Gly Leu Leu Cys Gly Gly Asn Gly Asp Cys Asp Cys
545   550   555   560

Gly Glu Cys Val Cys Arg Ser Gly Trp Thr Gly Glu Tyr Cys Asn Cys
            565   570   575

Thr Thr Ser Thr Asp Ser Cys Val Ser Glu Asp Gly Val Leu Cys Ser
        580   585   590

Gly Arg Gly Asp Cys Val Cys Gly Lys Cys Val Cys Thr Asn Pro Gly
        595   600   605

Ala Ser Gly Pro Thr Cys Glu Arg Cys Pro Thr Cys Gly Asp Pro Cys
    610   615   620

Asn Ser Lys Arg Ser Cys Ile Glu Cys His Leu Ser Ala Ala Gly Gln
625   630   635   640

Ala Gly Glu Glu Cys Val Asp Lys Cys Lys Leu Ala Gly Ala Thr Ile
            645   650   655

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Ser Glu Glu Glu Asp Phe Ser Lys Asp Gly Ser Val Ser Cys Ser Leu
            660             665             670

Gln Gly Glu Asn Glu Cys Leu Ile Thr Phe Leu Ile Thr Thr Asp Asn
        675             680             685

Glu Gly Lys Thr Ile Ile His Ser Ile Asn Glu Lys Asp Cys Pro Lys
    690             695             700

Pro Pro Asn Ile Pro Met Ile Met Leu Gly Val Ser Leu Ala Thr Leu
705             710             715             720

Leu Ile Gly Val Val Leu Leu Cys Ile Trp Lys Leu Leu Val Ser Phe
            725             730             735

His Asp Arg Lys Glu Val Ala Lys Phe Glu Ala Glu Arg Ser Lys Ala
            740             745             750

Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg Gly Ser Thr Ser Thr
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Phe Lys Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu
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Ser Thr Asp Cys
785


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Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg
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Asn Pro Leu Tyr Arg
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Lys Trp Asp Thr Gly Glu Asn Pro Ile Tyr Lys Ser Ala Val Thr Thr
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Val Val Asn Pro Lys Tyr Glu Gly Lys
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Ser Asp Leu Arg Glu Tyr Arg Arg Phe Glu Lys Glu Lys Leu Lys Ser
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Gln Trp Asn Asn Asp Asn Pro Leu Phe Lys Ser Ala Thr Thr Thr Val
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Met Asn Pro Lys Phe Ala Glu Ser
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His Asp Arg Lys Glu Phe Ala Lys Phe Glu Glu Glu Arg Ala Arg Ala
1   5   10   15

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Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr Lys Glu Ala Thr Ser Thr
            20   25   30

Phe Thr Asn Ile Thr Tyr Arg Gly Thr
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His Asp Arg Lys Glu Val Ala Lys Phe Glu Ala Glu Arg Ser Lys Ala
1   5   10   15

Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg Gly Ser Thr Ser Thr
            20   25   30

Phe Lys Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu
        35   40   45

Ser Thr Asp Ser
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His Asp Arg Lys Glu Val Ala Lys Phe Glu Ala Glu Arg Ser Lys Ala
1   5   10   15

Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg Gly Ser Thr Ser Thr
            20   25   30

Phe Lys Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu
        35   40   45

Ser Thr Asp Cys
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Lys Trp Gln Thr Gly Thr
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Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg Gly
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Ser Thr Ser Thr
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Asn Pro Leu Tyr Arg Gly Ser Thr Ser Thr Phe Lys Asn Val Thr Tyr
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Lys His Arg Glu
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Ser Thr Asp Ser
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Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg
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Lys Phe Glu Ala Glu Arg Ser Lys Ala Lys
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Ala Glu Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr
1   5   10   15

Arg Gly

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Lys Phe Glu Lys Glu Lys Met Asn Ala Lys Trp Asp Thr Gly Glu Asn
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Pro Ile Tyr Lys
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Lys Glu Lys Leu Lys Ser Gln Trp Asn Asn Asp Asn Pro Leu Phe Lys
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Arg Ala Arg Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr Lys
1   5   10   15

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Arg Ser Arg Ala Arg Tyr Glu Met Ala Ser Asn Pro Leu Tyr Arg
1   5   10   15

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Arg Thr Asp Leu Asp Ser Leu Arg Thr Tyr Thr Leu
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Trp Gln Thr Gly Thr
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Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu Ser
1   5   10   15

Thr Asp Cys

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Glu Lys Gln Lys Val Asp Leu Ser Thr Asp Cys
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